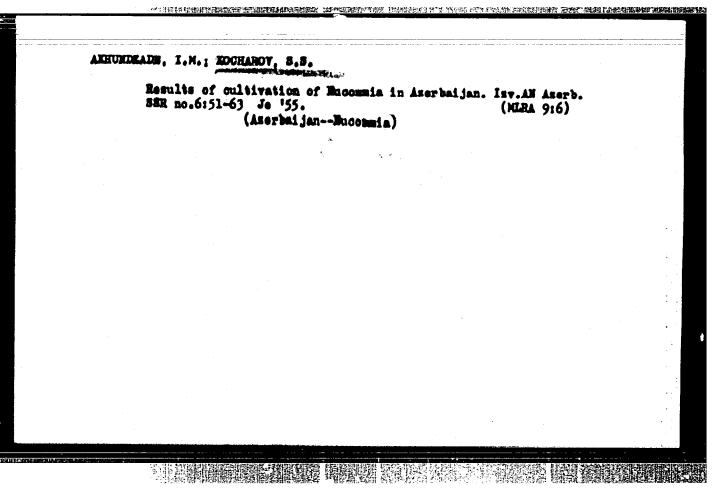
BAGIRYAN, G.V.; VASIL'YEV, V.G.; GORBENKO, G.L.; MIRONCHEV, Yu.P.; KOCHARDV, S.M.

Oll and gas fields of Siberia. Neftcgaz.geol. i geofiz. no.1:4-9
165.

1. Cosudarstvennyy geologicheskiy komitet RSFSR i Vsesoyuznyy
nauchno-issledovatel'skiy institut prirodnogo gaza.



那种的基本的企业中国的企业的企业的企业,但在1955年的发展的发展的发展,这个企业的企业的发展的企业,但是有的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业。

SHAKHWAZAROV, Mikoley Semeonovich. Prinimeli uchestiye: ABRAMTAN, S.A.; IBRAGIMOV, B.G.; KOCHAROY, S.S.; MARTIROSOV, G.A.; MIRTCHYAN, R.A. MUSTAFAYEVA, S., red.; MIRKISHIYEVA, S., tekhn.red.

[The Wagorno-Karabakh Autonomous Province] Wagorno-Karabakhakaia avtonomnaia oblast'. Baku, Azerbaidshanskoe gos.isd-vo, 1960.
8) p. (MIRA 13:12)

1. Pervyy sekretar' Magorno-Karabakhskogo obkoma Kommunisticheskoy pertii Aserbaydshana (for Shakhnasarov).
(Magorno-Kafabakh Autonomous Province)

KOCHAROV, V.A.; KOLOSOV, S.K.

Wasteless fabric layout for garment cutting. Leg.prom. 17 no.8:44-45 Ag *57. (MIRA 10:10)

1. Direktor savoda Ho.3: (for Kocharov). 2. Hachal'nik eksperimental'nogo tsekha (for Kolosov).

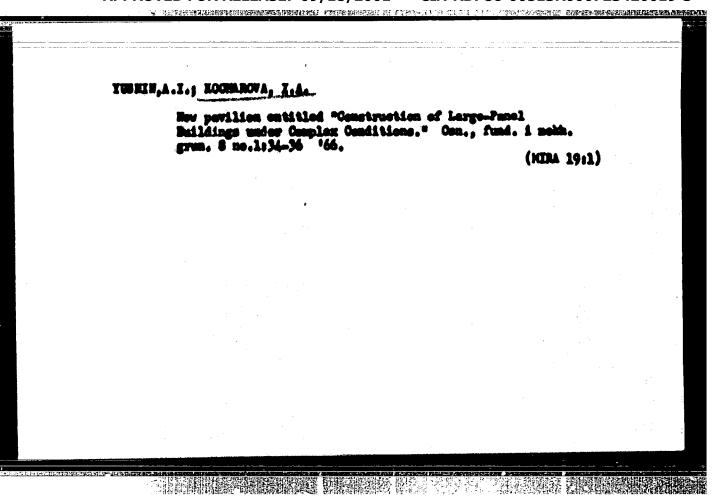
(Garment cutting)

DOSICHEV, Ye. A.; KOCHAROVA, A. I.

Pros and cons of psoriasine. Vest. derm. i ven. no.3:55-59 (62. (MIRA 15:6))

1. Dermatologichaekaya grupps AMN SSSR pri chlene-korrespondente P. V. Koshevnikove.

(MISTARD GAS) (PSORIASIS)



KOCHARYAN, N.M.; PACHADZHYAN, Kh.B.; HALBANDYAN, N.A.; AGARONYAN, A.A.

Physical properties of polymethylmethacrylate. Dokl. AN Arm. SSR 40 no.3:145-150 165. (MIRA 18:12)

1. TSentral'naya nauchno-issledovatel'skaya fiziko-tekhnicheskaya laboratoriya AN ArmSSR. 2. Chlen-korrespondent AN ArmSSR (for Kocharyan). Submitted July 12, 1964.

TO BE THE THE THE PROPERTY OF THE PROPERTY OF

EXCHARGAE, E.M., RAPYMI, Yu.A.; BS21RuANTAN, i.i.

Dependence of the X-ray diffraction image on the thickness of specimens of high molecular compounds. Fokl. AN Arr. SSR 41 no. 4:216-220 165

1. Thentralinaya fiziko-tekhnicheskaya nauchno-iseledovateliskaya laboratoriya AN Armyanakoy SSR i Yurevanakiy graudar-stvennyy universitet. 2. Chlen-korrespondent AN Armyanakoy SSR (for Kocharyan).

NADGERIYEV, M.K., dotsent; KOCHEGAROV, A.A., kand.med.nauk; SHISHLOV, V.I.

Problems in the diagnosis and treatment of suppurative diseases of the lungs. Sov.med. 28 no.12:14-18 D *165.

(MIRA 18:12)

1. Klinika obshchey khirurgii (sav. - dotsent M.K.Nadgeriyev) i klinika gospital'noy terapii (sav. - dotsent S.G.Salimov) Blagoveshchenskogo meditsinskogo instituta.

WCDMIROVA, Sh. Y.

Velitekov, A. A. and Kocharova, Sh. M. "Gentral scientific research latoratories in the Azneft' Meld", Azertaydzh, neft. khoz-w., 1947, 10, 12, p. 10-11.

So: U-3261, 1 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 12, 1949).

ABRAMYAN, A.A.; KOCHARYAN, A.A.

Simultaneous microdetermination of carbon, hydrogen, and sulfur in organic compounds. Isv. AN Arm. SSR. Khim. nauki 17 no. 3: 301-305 '64. (MIRA 17:7)

1. Institut organicheskoy khimii Ali Armyanskoy SSR.

Koch Yo Ryn N., M.Z.

TARAYAN, V.N., MINTAN, N.O., KOCHARYAL Maddenson

Properties of trivalent manganese, Isv. AN Arm. SSR Ser. khim.

nauk 10 no.2:105-115 '57. (NIRk 10:12)

1. Yerevanskiy gosudarstvennyy universitet im. V.N. Molotova.

(Manganese)

SECURIO EL CONTROL DE LA CONTROL DE CONTROL

SOV/137-59-1-2123

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 278 (USSR)

AUTHOR: Kocharyan, A. I.

TITLE. Determination of Aluminum by the Chirkov Method in the Presence of

Titanium (Opredeleniye alyuminiya po Chirkovu v prisutstvii titana)

in Armenian

PERIODICAL: Sb. stud. nauchn. tr. Yerevansk. un-t, 1958, Nr 8, pp 197-203

ABSTRACT: In order to eliminate the impeding influence of Ti4+ in the electro-

metric determination of Al, the authors propose first to reduce the Ti⁴⁺ to Ti³⁺ with powdered Zn.

B.M.

Card 1/1

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3" THE Y LIGHT THE POPULATION OF THE PROPERTY AND THE PROPERTY AND THE PROPERTY OF THE PROPERTY O

MANUFLYAN, M.Q.; KEMOYAN, T.V.; TEGANYAN, A.G.; ECCHARYAN, A.M.

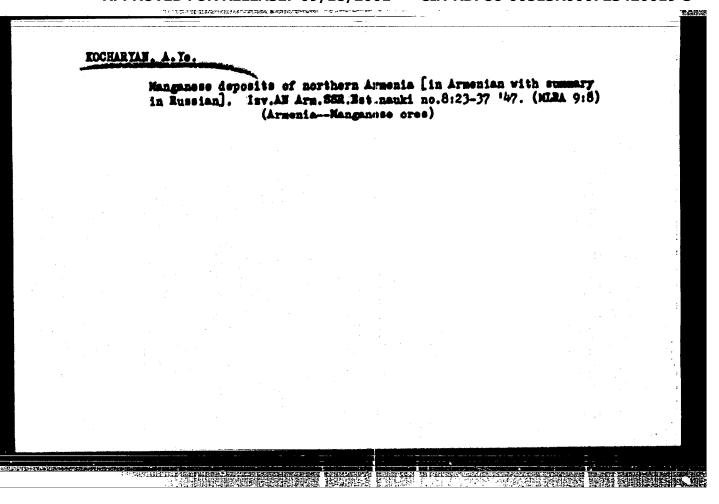
Blectric cenductivity of concentrated sedium and petassium hydrexide selutions, their carbonates, and MacH--ECH mixtures at 25°C.

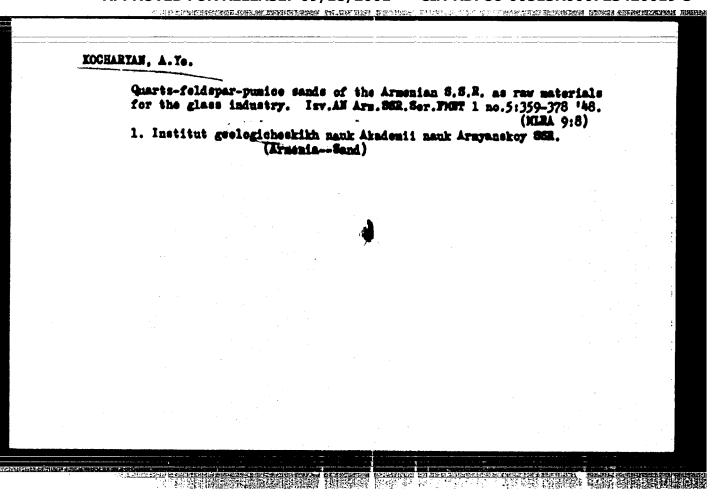
Isv. AN Arm. SER. Ser. FMRT nauk 8 no.4:73-79 J1-Ag '55. (MIRA 9:2)

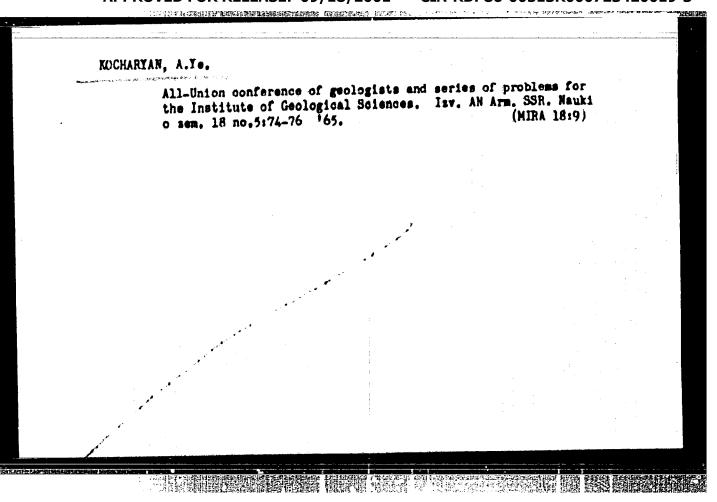
1.Ehimicheskiy institut AN Armyanskey SER.
(Sedium hydrexide--Electric properties) (Petassium hydrexide--Electric properties)

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

KOCHAR, YAN, A.M. USSR/Physical Chemistry - Solutions. Theory of Acids and Bases : Reforat Zhur - Khimiya, No 2, 1957, 3913 Abs Jour i Manvelyan M.G., Krmoyan T.W., Yepanyan A.G., Kocharyan hathor -Academy of Sciences Armenium SSR _ Chem. Act. Inst : Effect of Temperature on Condictance of Concentrated Title Bolutions of Hydroxides and Carbonates of Sodium and Potassium. : Isv. AH ARESER, sor. fiz.-intem., yestestv. i tekhn. n., Orig Pub . 1956, 9, No 2, 3-12. : The specific electric conductivity of concentrated solu-Abstract tions of hydroxides and carbonates of sodium and potassium were determine? within the temperature interval of 25-850. At high temperatures rate of movement of Ha + and K+ious in concentrate! solutions of MaCH and KOH is about the same, which the authors explain on the basis - 171 -Card 1/2







COMBRILOVICH, A.B.; VIIKOVA, V.J.; KOCHAR'TAN, D.S.

Refect of aeration upon the propagation of dysentery bacteriophage.
Emr.nikrobiol.epid.i immun. no.5:80 Ap '54. (MIRA 7:5)

1. Is Rostovskogo-na-Dem instituts epidemiologii i mikrobiologii.
(Dysentery) (Bacteriophagy)

KOCHARYAN, R., insh.; LIKHTYAROVA, R., insh.

Precision casting. Prom.Arm. 4 no.12:45-48 D '61. (MIRA 15:2)
(Armenia—Precision casting)

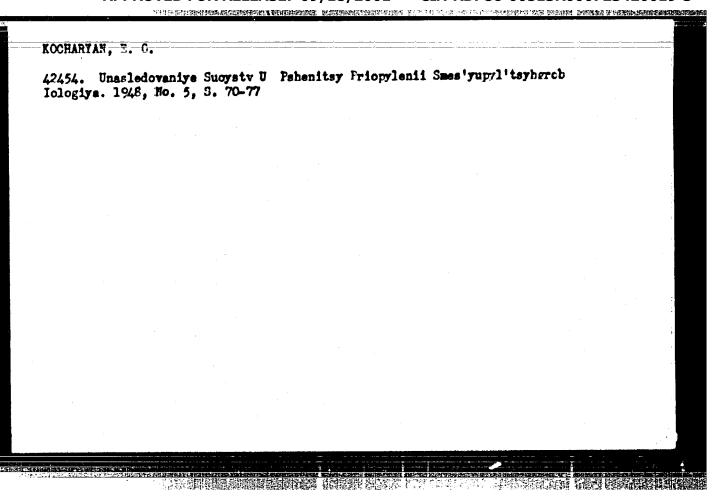
THE REPORT OF THE PROPERTY OF

BATIKYAN, G.G.; KOCHARYAN, M.G.

Harly ripening variety of wheat obtained by hybridisation. Isv.AH Arm. SER. Het. nauki no.7:53-58 '47'. (MIRA 9:8)

1. Institut genetiki rasteniy Akademii nauk Armyanskoy SSR. (Wheat) (Hybridization, Vegetable)

Character inheritence in wheat pollinated with mexed pollen [in Armenian with summery in Russian] Izv. AM Ars. SSR. Biol. 1 sel'khos. nauki 1 no.21535-144 th8. (MIRA 9:8) (WHEAT BREEDING)



Wariability of heredity in vegetative melon-pumplin hybrids [in Armenian with summary in Russian]. Dokl. AM Arm. SER 9 ne.51 231-234 '48. (WEA 9:10) (Time crops) (Hybridisation, Vegetable)

建筑的政策的基础和国际工程的基础和企业的经过多数的实现的社会和企业的主义的企业的企业,但是实现的经济的政策的基础的建筑,是现代是基础的建筑和国际企业和规划的企业工程的企业,但是

BATIEYAN, G.G.; KOCHARYAN, B.G.

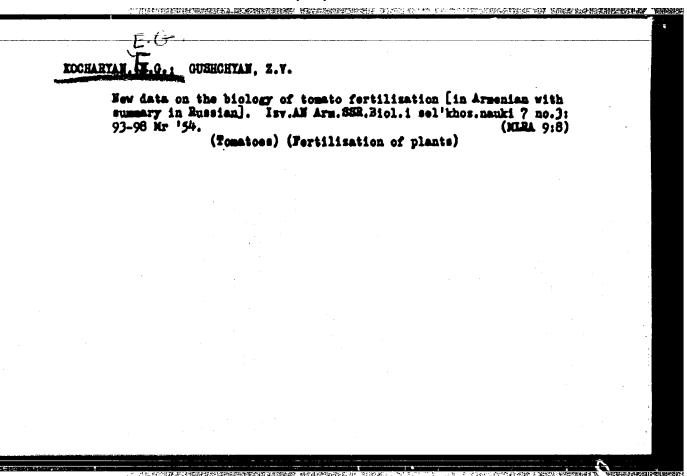
A vegetative hybrid between the melon and the pumpkin. Isv.AH Arm. SSR.Biol.i sel'khos.nauki. 2 no.1:97-100 '49. (MLRA 9:8)

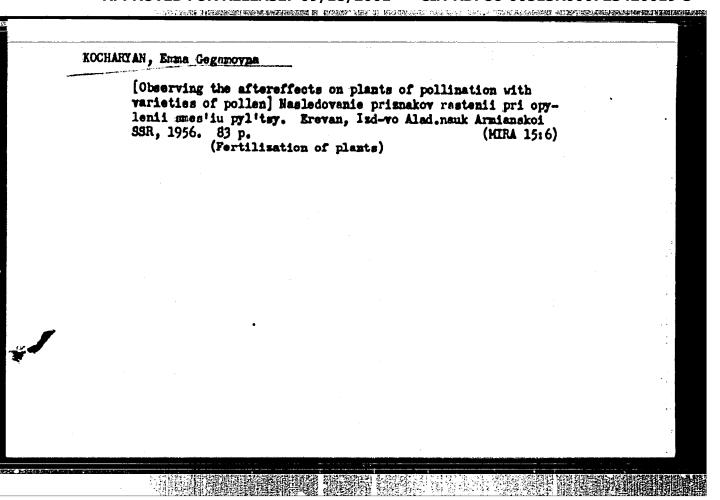
1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy SSR.

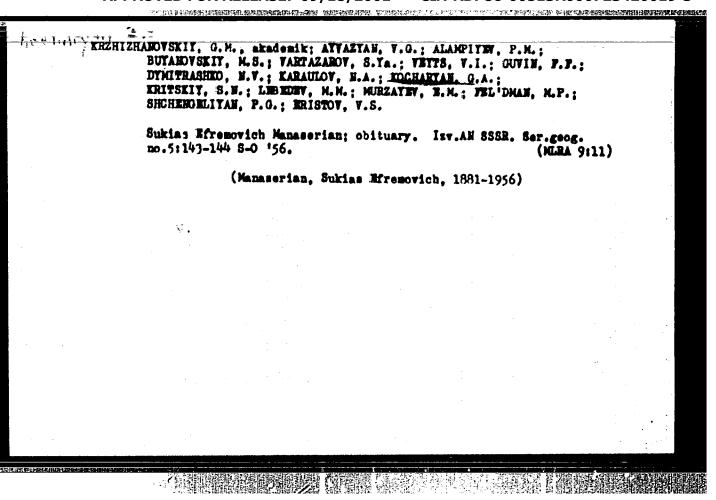
(VINE CROPS) (GRAFTING)

KOCHARYAN, M.G.

Effect of mixed wheat pollen on the productivity of the ear. Isv.
AN Arm.SSR. Biol. i sel'khos. nauki 2 no.3:299-301 '49. (NIPA 9:8)
(WHMAT BRENDING)







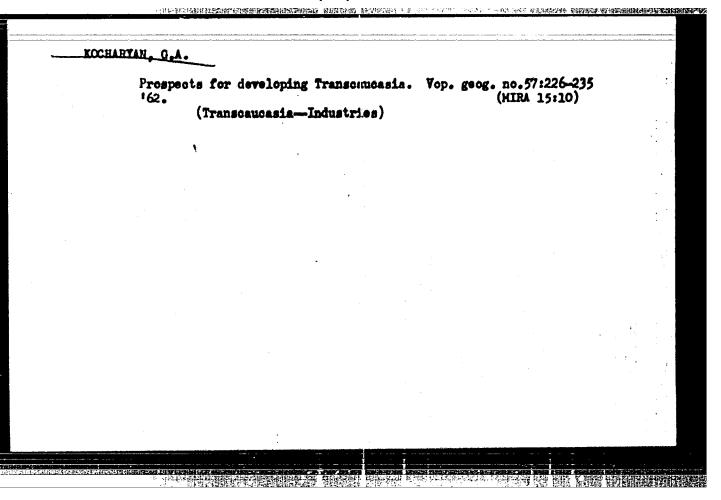
KOCHARTAN, G.A	•				
Subdivi Nauch.t	sion of the Arrudy Erev.un.	ruenian 5.8.R. 58:111-139	, into economic 56.	regions. (MIRA 10:	7)
1. Kafe	dra ekonomiche (Az	sskoy geografi rmeniaEconos	ic geography)		
				* · · · · · · · · · · · · · · · · · · ·	
					:

G. A. KOCHAI	RYAN		
"The Ec	conomic and Agric	cultural Zoning of Armenia"	
		The state of the s	
		e B	
	444 44 5- 8-	•	
	ten at un intal-	University Conference on Dividia y 1936, Mossow, (Izv. Ak mark & A.)	g the USSR into
Soonowic Megi	One, 1-5 Februar	a what means I year that the	DOM, 4,140-43;
Sconomic Megic 1958 author -	Overdetakly, N.	A.)	
Sconomic Regions 1978 author -	one, 1-5 Potenna Gvoedetakiy, H.	A.)	
Sconomic Region 1958 author -	oms, 1-5 Pobrana Gvosdetskiy, N.	A.)	
Sconoule Regie 1978 author -	one, 1-5 Februar Gvoedetakly, N.	A.)	
Sconomic Region 1958 author -	one, 1-5 Februar Gvoedetakly, N.	A.)	
Sconcule Region 1958 author -	one, 1-5 Februar Gvoedetakiy, N.	Δ.)	
Socnoule Regis	ome, 1-5 Februar Gvosdetakly, N.	A.)	

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

STEPANYAH, L.A., red.; ARUTYUNYAH, A.B., red.; BAGDASARYAH, A.B., prof., doktor geogr. nauk, glav. nauchmyr red.; DAVTYAN, G.S., red.; MARTIROSYAH, G.M., red.; MARUKHTAH, A.O., red.; FKRTCHYAH, S.S., red.; URUSOV, V.V., red.; SHAKHBAZYAH, M.S., red.; ALLAKHVERDYAH, G.O., kand. ekonom. nauk sam glav. nauchnogo red.; ARUTYUNYAH, N.Kh., akademik, red.; VALESYAH, L.A., kand. geogr. nauk, red.; DUL'YAH, S.H., kand. geogr. nauk, red.; YEREKYAH, S.T., red.; ZOGRAHYAH, L.N., kand. geogr. nauk, red.; KOCHARYAH, G.A., prof., red.; POGOSYAH, Kh.P., prof., doktor geogr. nauk, red.; RUTKOVSKAYA, M.S., starshiy red.; SAVELO, A.F., tekhm. red.; YAROSHEVICH, K.Ye., tekhm. red.

[Atlas of the Armenian Soviet Socialist Republic] Atlas Armianskoi Sovetskoi Sotsialisticheskoi Respubliki. Erevan, Akad. nauk Armianskoi SSR; glav. upr. geodez. i kurtografii MG i CH SSSR, 1961. 111 p. (MIRA 15:2)



KOCHARYAN, G. S.: Master Phys-Math Sci (dies) -- "Approximations by means of rational functions with a given number of poles". Yerevan, 1958. 11 pp (Min Higher Educ USSR, Yerevan State U), 150 copies (KL, No 2, 1959, 117)

Con a generalisation of Laurent and Fourier series, Isv. AT Arm.

SER. Ser. fis.-ent. namk 11 no.1:3-14 '58. (MIRA 11:6)

1. Terevanskiy genularstvennyy universitet.
(Fourier series) (Functions, Analytic)

The property and the property of the property

307/22-11-4-7/11 Kocharyan, G.S. AUTHOR: On the Approximation by Rational Functions in a Compler TITLE: Domain (O priblishenii ratuional'nymi funktsiyami v kompleksnoy oblasti) Izvestiya Akademii nauk Armyanskoy SSR, Seriya fiziko-mate-PERIODICAL: maticheskikh nauk. 1958, Vol 11, Nr 4, pp 53 - 78 (USSR) The author considers the following problems 1.) The best ABSTRACT: approximation of functions of a complex variable by rational fractions 2.) Series expansions of the functions in terms of rational fractions. Here the fractions possess poles in given point sets and it is approximated and expanded along curves or in domains which are free of poles. The paper was written under guidance of Dshrbashyan, member of the Academy of Sciences of the Armenian SSR, and starts directly from the numerous investigations of Dzhrbashyan [Ref 1,2,4] . § 1 contains estimations of the deviations between the function on the unit circle and the partial sums of its Pourier series in terms of rational functions, whereby it is admitted that the set of poles possesses points of accumulation on the unit Card 1/ 2

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

On the Approximation by Rational Functions in a SOV/22-11-4-7/11 Complex Domain

THE DECEMBER OF THE CONTEST STREETS AND ADMINISTRAL PROPERTY OF THE STREET, AND ADMINISTRATION OF THE STREET, AND ADMINISTRAL PROPERTY OF THE STREET, AND ADMINISTRAL PROPERTY OF THE STREET, AND ADMINISTRATION O

circle. § 2 gives estimations of best approximations by rational fractions for functions which are analytic in the interior of a Jordan domain, the boundary of which satisfies certain conditions, and which are continuous in the whole domain. Analogous considerations are carried out for continuous functions which are only given on a closed Jordan curve. In § 3 the author carries out under certain restrictions the estimations for the deviations of the partial sums of the series in terms of base systems of rational functions (see Dzhrbashyan [Ref 1]). The approximation is carried out in the closed domain or on a closed curve. For the transition from the circle to an arbitrary Jordan domain the author uses the method of Al'per [Ref 8] . The results are valid for multiply connected domains. § 4 presents inversion theorems on the approximations by rational fractions. The paper contains one lemma and 13 theorems.

There are 9 references, 5 of which are Soviet, and 4 American.

ASSOCIATION: Yerevanskiy gosudarstvennyy universitet (Yerevan State

University)

SUBMITTED: March 18, 1958

Card 2/2

35302

\$/022/62/015/001/002/007 D237/D301

16.4100

Kocharyan, G. S. AUTHOR z

TITLE:

On the optimally-weighted approximation by means of

rational functions on the whole real axis

Akademiya nauk Armyanskoy SSR. Izvestiya. Fiziko-mate-maticheskiye nauki. v. 15, no. 1, 1962, 73-86 PERIODICAL:

TEXT: Let p(x) > 0 be an even function, defined, continuous and monotonically increasing over $-\infty < x < +\infty$, and let $\lim_{x \to \infty} p(x) = +\infty$.

Let $L_2/\bar{p}(x)$ be a class of functions f(x) defined and measurable on the whole axis $(-\infty, +\infty)$ for which

$$\int_{-\infty}^{+\infty} e^{-p(x)} |f(x)|^2 dx < + \infty$$

Card 1/6

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3" 8/022/62/015/001/002/007 D237/D301

On the optimally-weighted ...

Also let $\{a_k\}$ $(J_m a_k > 0, k = 0, 1, 2 ...)$ by any complex sequence and $\{R_n(Z)\}$ - the associated system of rational functions of the type

 $R_{n}(z) = \frac{P_{n}(z)}{\prod_{k=0}^{n} (z + \alpha_{k})}$ (1)

where $P_n(2)$ - a polynomial of degree not higher than n. Then, the following theorem, communicated to the author by M. M. Dzhrbashyan, holds: If

Card 2/6

THE PROPERTY OF THE PARTY OF TH

THE RESIDENCE OF THE PERSON OF

On the optimally-weighted ... \$\frac{\$5/022/62/015/001/002/007}{D237/D301}

$$\int_{1}^{\infty} \frac{p(x)}{x^{2}} dx = +\infty, \qquad \sum_{k=0}^{\infty} \frac{Jm\alpha_{k}}{1 + |\alpha_{k}|^{2}} = +\infty$$
 (2)

is satisfied simultaneously, then the system $\left\{R_n(Z)\right\}$ of rational functions is complete in the class $L_2/\bar{p}(x)$. The author investigates the relation between the order of vanishing of best approximations by the functions of the type (1) and differential properties of the approximating function, and gives the solution of the converse problem of the best approximation, obtaining the estimation of the order of growth of $\left\{R_n'(x)\right\}$ if

$$\sup_{-\infty \langle x \rangle + \infty} e^{-p(x)} |R_n(x)| < + \infty$$

Card 3/6

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

On the optimally-weighted ...

\$/022/62/015/001/002/007 D237/D301

by the method of M. M. Dzhrbashyan. The main theorem stated and proved by the author is Theorem 1: Let a rational function

$$R_{n}(z) = \frac{P_{n}(z)}{\prod_{k=0}^{n} (z + i\lambda_{k})}$$

(3)

satisfy the condition

$$|R_n(x)| \leq e^{p(x)}, \quad -\infty \langle x \langle +\infty \rangle$$
 (5)

Card 4/6

On the optimally-weighted ...

S/022/62/015/001/002/007 D237/D301

Then, for any $\theta(0 \leqslant \vartheta \leqslant 1)$ and $a(0 \leqslant a \leqslant q(\rho_n))$, in the region $|y| \leqslant \vartheta \lambda_0$, the inequality

$$\left|R_{n}(x+iy)\right| \leqslant e^{p(|x|+a)} |y|Y_{n}(x) \tag{6}$$

where $Y_n(x)$ - a determinable even function, is true. The author notes that the proof of the direct problem of the best approximation cannot be obtained by existing methods and expresses his gratitude to Academician of the AS ArmenianSSR, Professor M. M. Dzhrbashyan for proposing the problem and for valuable help. There are 7 references: 5 Soviet-bloc and 2 non-Soviet-bloc. The reference to the English-language publication reads as follows: S. Isumi and T. Hawata, Quasi-analytic class and closure of $\{t^n\}$ in the interval $(-\infty, +\infty)$. Tohoku Math. Journ., 43, 1937.

Card 5/6

ALL THE DESCRIPTION OF THE PROPERTY OF THE PRO

On the optimally-weighted ...

S/022/62/015/001/002/007 D237/D301

ASSOCIATION: Yerevanskiy gosudarstvenny universitet (Yerevan State

University)

SUBMITTED:

October 23, 1961

Card 6/6

CIA-RDP86-00513R000723420019-3" APPROVED FOR RELEASE: 09/18/2001

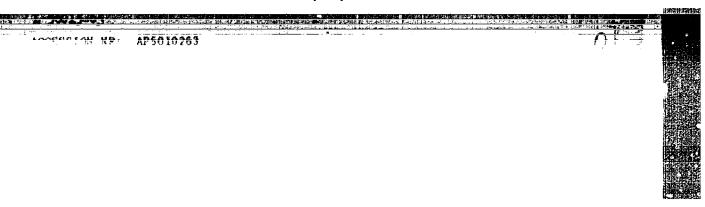
SAYADYAN, A.G.; KCCHARYAN, K.S.; AZIZYAN, A.G.; KAZARYAN, Zh.A.

Preparation of polyvinyl formal ethylal from aqueous dispersion of polyvinyl acetate. Part 2: Effect of the conditions of hydrolysis of aqueous dispersion of colyvinyl acetate on the quality of polyvinyl formal ethylal. Izv. AN Arm. SSR, Rhim.nauki 17 no.66699-702 *64.

(MIRA 18:6)

1. Yerevanskiy politekhnicheskiy institut imeni Karla Marksa, kafedra tekhnologii csnovnogo onjanicheskogo sinteza.

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"



APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

ACC NR AN7006287 -BOURCE CODE: UR/9005/67/000/030/0003/0003 AUTHOR: Kocharyan, N. (Corresponding member ANAR, Head ORG: none TITLE: Physics in the Armenian 85R SOURCE: Kommunist, no. 30, 04 Peb 67, p. 3, col. 1-5 TOPIC TAGS: physics, scientific institution. Or ABSTRACT: A description is given of the work of the Central Scientific-Research Laboratory of the Academy of Sciences Armenian SSR in polymer physics, metal physics, and the physics of magnetic phenomena. The laboratory currently has 95 staff members, of which 18 are Candidates of Sciences in the basic specialties of the laboratory; 15 are Aspirants in graduate school, and 7 are serving apprenticeships in leading scientificresearch institutes of the Armenian SSR. The Physicotechnical Institute of the Academy of Sciences Armenian SSR is being built not far from Ashtarak. The Central Scientific-Research Laboratory will become a part of the new Physicotechnical Institute in 1967. UDC: none [NC] SUB CODE: 20/ , SUBM DATE: none/ ATD PRESS: 5115 05 Card 1/1 UDC: none

L 34352-66 EWT(m)/EWP(1) IJP(o) RM

ACC NR: AP6002675

(A) SOURCE CODE: UR/0252/65/041/004/0216/0220

AUTHOR: Kocharyan, H. M. (Corresponding member AN Arassa); Rapyan, Yu. A;
Besirganyan, P. A.

ORG: Gentral Physical-Technical Scientific-Research Laboratory, AN ArmSSR (Tsentral'naya fisike-tekhnicheskaya nauchno-issledovatel'skaya laboratoriya AN ArmSSR); Yerevan State University (Kerevanskiy gosudarstvennyy universitet)

TITLE: Dependence of the X-ray diffraction pattern of high molecular compounds on the thickness of the sample

SOURCE: AN ArassR. Doklady, v. 41, no. 4, 1965, 216-220

TOPIC TAGS: chloroprene, x ray diffraction pattern, crystal structure analysis, rubber

ABSTRACT: The thickness of a sample of chloroprene caoutchous MARIT affected the X-ray diffraction patterns taken to determine its structure. The diffraction pattern obtained from thick film (1.65 mm) had only one intense halo typical of amorphous bodies. A noticeable decrease in intensity of the diffraction halo and the appearance of a wide ring were observed in the pattern taken from a sample 0.95 mm thick. The pattern

Card 1/2

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

0

L 34352-66

ACC MR: AP6002675

of a sample 0.5 mm thick was characterized by the appearance of diffraction rings typical of the crystalline phase, by splitting of the wide ring into three separate rings and by further decrease in intensity of the diffraction halo. At a thickness of 0.13 mm, the diffraction halo almost disappeared and the intensity and number of rings, indicating crystallinity, increased. It seemed that the percentage of crystalline phase in the film depended on its thickness. However, an investigation of samples consisting of several layers of thin films (0.13 mm) out by a resor blade from the same thick film disproved this conclusion. The X-ray diffraction patterns of these samples showed that, with an increased number of layers, the intensity of lines characterising the crystalline phase decreased; and in samples censisting of 10 layers the diffraction pattern suggested an asorphous structure. It was therefore concluded that intensities of lines characteristic of amorphous and crystalline phases of caoutchout MARIT depended on the thickness of the sample. The thin samples should be studied for the detection of the crystalline phase. When determining the percentage content of orystalline phase in the sample, the effect of sample thickness on the relative amount of lines characterizing anorphous and crystalline phases should be taken into consideration. Orig. art. has: 11 fig.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002 Card 2/2 ULR

THE BANK MANUSCRIPT STREET STREET STREET STREET OF STREET STREET

KOCHARTAN, S.

Paints based on synthetic materials. Prom.Arm. 4 no.5:46-47 My 161. (MIRA 14:8)

1. Glavnyy insh. Yerevanskogo savoda lakov i krasok. (Paint)

KOCHARYAN, K.S.

Morphological and biochemical investigation of blood and the cerebrospinal fluid in nonpenetrating craniocerebral injuries. Isv. AN Arm. SSR. Biol. nauki 13 no.3:73-79 Mr '60. (MIRA 13:8)

1. Kafedra obshehey khirurgii Yerevanskogo meditsinskogo instituta.
(ERAIN...CONCUSSION) (CEREBROSPINAL FLUID)
(BLOOD...ANALYSIS AND CHEMISTRY)

OCHARYAN, W. W.				
"Measurements of the Ionised Chamber,"	the Soft and 8, Mo.1, 1964	the Eard Compone Journal of Phys	nts of ^C osmic Rep 100.	r by Heens of
		·		

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

KOCHÁRYÁN, N. M.		
*Soft Con Zhur. Pis., 63	sponents of Coemic Rays at an Altitude of 3250 m," , No.1, Vol. 8, 1964	
Yerevan State 1	v.	

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

KOCHARYAN, N.N.; SAAKYAN, G.S.

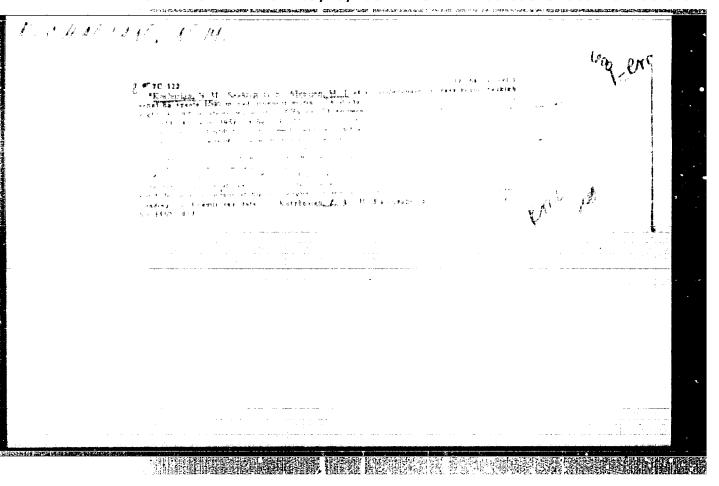
Honionisation losses of high-energy protons. Dokl. AH Arm. SER. 15 no. 3165-70 152. (MERA 9:10)

l. Merevanskiy gosudarstvennyy universitet imeni Y.M. Holotova. Predstavleno A.I. Alikhanyanom. (Photoms)

KOCHARYAN, N.M.; AYVARYAN, M.T.; KIRAKOSYAN, S.A.; KATTMAROV, S.D.

Indestigating the spectrum of meson messes at an altitude of 1000m, above sea level. Dokl. AN Arm. SER. 15 no.2233-39 '52. (NLRA 9:10)

1. Institut fisiki Akademii nauk Armyanskey SSR. Predstavlene A.I. Alikhanyanom. (Nésens)



"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723420019-3

EMBIGGISCH DE DE

Cosmic Rays, Secondary Cosmic Radiation (226)

Dokl. AN Arm. S3R. Vol 16, No 2, 1953, pp 39-43. "Angular Distribution of Protons."

The magnetic mass-spectrometer (A. Alikhanyan, A. Alikhanov, A. Vaysenberg. Dokl. AN Arm. SSR, Vol 5, 1946, p:129) was used to study the angular distribution of protons of cosmic rays at 3200 meters above sea level in the interval of senith angles (theta) from 0 to 45° . Employing the dependence of the intensity of the particles upon the angle theta in the form y = yocos²⁰, the authors found that for protons with momenta from 7.108 ev/c, n = 6° approximately; and for protons with momenta greater than 8.108 ev/c, n = 3. No asimuthal asymmetry of the protons was observed. Harder mesons have smaller n than protons for the same interval.

SO: Referativnyy Zhurnal--Fisika, No 1, Jan 54; (V-30785, 28 July 1954)

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

AND STATE OF THE PROPERTY OF T

KOCHARTAN, M.M.; ATVAZTAN, M.T.; KIRAKOSTAN, Z.A.; KATTMAZOV, S.D.

Spectra of proton impulses et 3200 m. altitude above sem level.

Dokl. AM Arm. SSR 17 no.2133-37 '53. (MLRA 8:2)

1. Pisioheskiy institut Akademii nauk Armyanskoy SSR. Predstavleno V.A.Ambartsumyanom. (Protons)

MOCHEMIAN, N. M.

2792. KOCHARYAN, N. N. Protonnaya i Mesonnaya Komponenty Kosmicheskogo Islucheniya Ma Vysote 3200 N Med Urovnem Morya. N., 1954. 12s. 22sm. (Akad. Mauk SSSR. Fis. In-t Im. P. W. Lebedeva), 100 eks. Bespl-(54-56114)

SO: Letopis' Zhurnal'nykh Statey, Vol. 42, Moskva, 1949

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019

KOCHARYAN, N.M., KATTMAROV, S.D.

Calculation of the illuminating power of magnetic mass spectrometers. Isv. AN Arm. SSR Ser. FMST nauk 7 no.2:43-50 Mr-Ap 154.
(MIRA 8:3)

 Fisioheekiy institut AN Armyanskoy SSR. (Mass spectrometry)

KOCHARYAN, N.M.

USSE/Nuclear Physics

Card 1/1 Pub. 22 - 12/48

Authors

: Kocharyan, N. M.

Title

: The process of nuclean absorption in lead

Periodical : Dok. AN SSSR 98/3, 369-372, Sep 21, 1954

Abstract

: The study of the process of nucleon absorption in lead, by means of an improved magnetic spectrometer, is described. The two variants in which the above measurements were carried out are listed. Results showed that by colliding with a light nucleus the high energy nucleur loses 1/3 of its enermy for the formation of a-mesons and low-energy protons; the remaining 2/3 energy of the primary nucleon is carried away by the one fast nucleon which is formed during the absorption process. Eight references: 5-USSR and 3-USA (1946-195°). Drawings.

Institution: Academy of Sciences Arm-SSR, Physics Institute

Presented by: Academician A. I. Alikhanov, April 26, 1954

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

KOCHARYAN, Norayr Markarovich

(Physics Inst Acad Sci Armenian SSR)
Academic degree of Doctor of Physical and Mathematical Sciences, based on his defense, 3 January 1955, in the Council of Physical Inst imeni Lebedev, Acad Sci USSR, of his dissertation entitled:
"The proton and meson components of cosmic radiation at an altitude of 3200 meters above sea-level."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 222, 12 Nov 55, Brulleten' MVO SSSR, No. 19, Oct 56, Mossow, pp. 13-24, Uncl. JFRS/NY-536

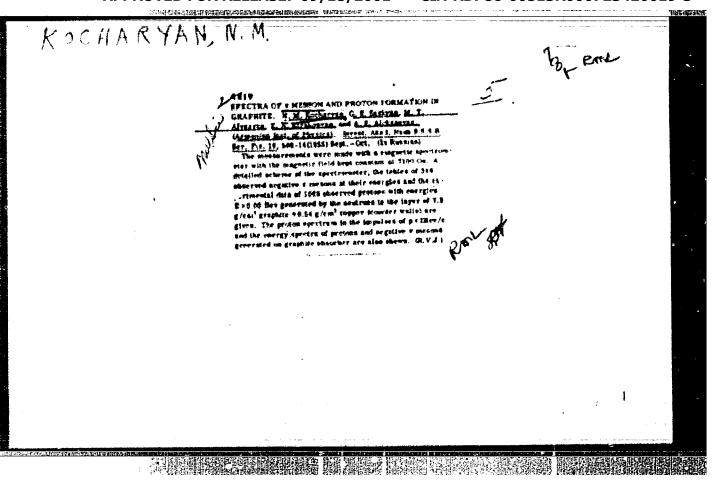
ECCEARTAN, N.N.; SAAKYAN, G.S.

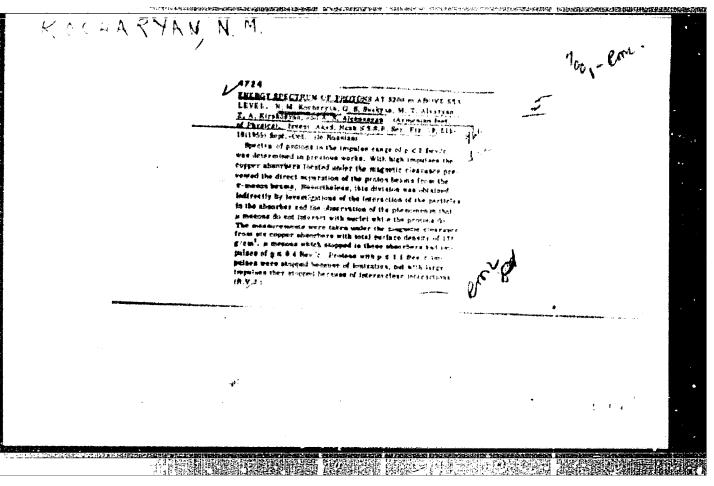
Spectra of proton creation in air and lead. Isy, AN Arm. SER Ser. FROT mank 8 no.1:15-20 Janf '55. (MIRA 8:5)

1. Terevanskiy gosudarstvennyy universitet im. V.M.Molotova. (Protons-Spectra)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723420019-3





ELCHARTAN, N.W.; ATVARTAN, M.T.; KIRAKOSTAN, S.A.; AIRESANTAN, A.S.

Impulse spectrum of M-mesons at an altitude of 3200 meters above sea level, Dokl. AN Arm. SSR. 20 no.5:169-175 *55. (MIRA 8:7)

1. Institut fisiki Akademii nank Armyanskoy SSR. Predstavleno A.L. Shaginyanon. (Mesons)

KOCHARYAN, N.M.; SAAKYAN, G.S.

Meson and electron generation in the lower atmospheric layers. Dokl. AH Arm. SSR 21 no.1:11-14 155. (MIRA 8:11)

1. Institut fiziki Akademii nauk Armyanskoy SSR. Predstavleno A.L. Shaginyanom (Mesons) (Cosmic rays)

Kocharyan, N.M.

Card 1/1 Pub 146-4/25

Fire in 19

Author

: Kocharyan, N. M.

Title

: Proton component of cosmic radiation at an altitude of 3200 meters above

sea level

Periodical: Zhur. eksp. i teor. fiz. 28, 160-170, February 1955

Abstract : The author obtains the impulse spectrum of protons in the range of momenta 0.4 p 2 Bev/c at an altitude of 3200 meters above sea level. He determines the flight and absorption of a flux of protons in air and in lead. He investigates the spectrum of generation of protons in lead. Seventeen

references.

Institution: Physics Institute, Academy of Sciences of Irmenian SSR

Submitted: February 8, 1954

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

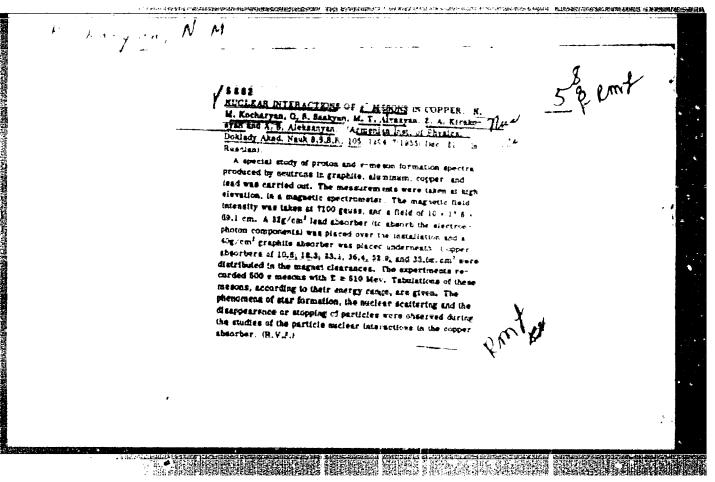
"全国主义的外部,我们的一个人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人,我们也没有一个人的人,我们也没有一个人的人,我们

KOCHARTAN, H.M.; DARGARTAN, A.A.

Design of new Geiger-Müller type counters and study of their properties.

Hauch.trudy Brev.un. 48 no.2:71-78 *55.

(Muclear counters) (Geiger-Müller counters)



MECHANICA, 11. 111 Category : USSR/Nuclear Physics - Cosmic rays

C-7

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 648

Author : Kocharyan, N.M., Saskyan, G.S., Ayvazyan, M.T., Aleksanyan, A.S., Kirakosyan,

: Phys. Inst. Arm. 88R Acad. of Sciences

Inst

:: Muclear Interactions of High Energy Protons in Copper. Title

Orig Pub : Dokl. AN 888R, 1956, 107, No 5, 668-670

Abstract : A cosmic ray spectrometer was used to determine the cross sections of

interactions between protons with an average energy of 12 Bev and copper

nuclei:

Energy range, Bev	Cross Section, Barns
0,91-1,38	0,755 0,14
1,38-2,38	0,676 0,07
2,38-5,50	.0,750 0,09
5,50-00	0,01 0,19

The authors determined earlier that for 7 -mesons the cross section equals the geometric cross section for energies greater than 1 Bev.

Card : 1/1

> CIA-RDP86-00513R000723420019-3" APPROVED FOR RELEASE: 09/18/2001

ECCHARTAN, N.M.; SAAKYAN, G.S.; ATVALTAN, M.T.

Znergy spectrum of M-mesons at 3200 meters above sea level.
Dokl. AN Arm. SER 25 no.2149-52 '57. (MIRA 1015)

1. fisioheskiy institut Akademii nauk Armyanskoy SER i Terevanskiy gosudarstvennyy universitet. Predstavleno A.I.Alikhanyanom.
(Mesons) (Spectrum analysis)



"Interaction of Protons With Land Muclei in the Energy Range 0.89-15 Bev," by N. M. Kocharyan, Corresponding Member, Academy of Sciences Armenian SSR, and R. B. Begzhanov, Physics Institute, Academy of Sciences Armenian SSR, Dokledy Akademiya Nauk Armyanskoy SSR, Vol 25, No 1, 1957, pp 3-6

The total cross section for the inelastic interaction of protons with lead nuclei was measured at the Alagez cosmic ray station. Proton energies ranged from 0.89 to 15.0 Bev. The cross section was found to be approximately 1,740 $^{\pm}$ 90 millibarns. The authors conclude from the data that the cross section for the inelastic interaction of π -mesons with lead nuclei is 1,920 $^{\pm}$ 100 millibarns over the energy range 0.8-16 Bev.

Experimental technique and apparatus are described.

Z. A. Kinrakosyan, Kh. B. Pachadshyan, and A. S. Aleksanyan assisted in the measurements. (U)

Sum 1 1 1167

<u>.</u>....

BERZHANOV, R.B.; KOCHARTAN, doktor-prof., nauchnyy rukovoditeli

用,在1975年,在1988年在1988年,1985年,1985年,1985年,1985年

[Interaction cross sections of the high energy II-mesons and protons with lead nuclei and production spectra of these perticles; abstract of a dissertation submitted for the degree of candidate of physical and mathematical sciences] Sechéniia vsaimodeistvii II-mesonov i protonov bol'shikh energii s iadrami evintsa i spektry generatsii etikh chastits; avtoreferat dissertatsii, predstavlennoi na soiskanie uchenoi stepeni kandidata fisiko-matematicheskikh nauk. Erevan, Erevanskii gos.univ., 1958. 13 p. (NIRA 12:4)

1. Chien-korrespondent AM ArmSER (for Kocharyan). (Muclear physics)

KOCHARYAN, M.M.; ALEKSARYAN, A.S.; PACHADZHYAN, Kh.B.; LEYOMYAN, E.TS.

Studying the operation of bubble chambers containing binary mixtures.

Dokl.AN Arm.SSR 27 no.4:217-220 ' 58. (MIRA 12:1)

1. Chlen-korrespondent AN Armyanskoy SSR (for Kocharyan). 2. Fizi
cheskiy institut AN Armyanskoy SSR.

(Bubble chambers)

KOCHARYAN, M.M.; ALEKSANYAN, A.S.; PACHADZHYAN, Kh.B.; LEVONYAN, E.TS.

Investigating the operation of a bubble chamber with various binary mixtures. Frees-12 and carbon dioxide. Dok1.AH Arm. (MIRA 12:5) SSR. 27 no.5:283-265 '58.

1. Fisicheskiy institut AM ArmSSR. 2. Chlen-korrespondent AM ArmSSR (for Kocharyan). (Bubble chamber)

CIA-RDP86-00513R000723420019-3" APPROVED FOR RELEASE: 09/18/2001

。 1987年 - 1987年 - 1985年 - 198

21(0), AUTHORS: Kocharyan, N. M., Saakyan, G. S., Kirakosyan, Z. A.

TITLE: Energy Spectra and Nuclear Interactions of Cosmic Ray
Particles (Energeticheskiye spektry i yadernyye vsaimodeystviya
chastits kosmicheskogo islucheniya)

1050

ABSTRACT:

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol 35, Hr 6, pp 1335-1349 (USSR)

In the present paper the authors published results obtained by their investigations of cosmic particles carried out in 1953-1956 at the laboratory of the Aragats mountain station (3200 m above sea level). The energy spectra of muons and protons were investigated by means of a magnetic spectrometer (Fig 1). The accuracy of momentum measurement was great compared with that of previous measurements (Refs 1,2). The energy distribution of protons and muons (nuclear interaction in C-,Cu, and Pb-absorbers) up to 100 Bev was investigated. Experimental results are shown in detail by tables. Those obtained by the two series of experiments carried out for the purpose of determining muon energy distribution are given by tables 1 and 2. Figure 2 shows the differential and integral energy spectra within the range of 1 - 100 Bev (diagram). For E>4 Bev

card 1/3 car

SOV/56-35-6-3/44

Energy Spectra and Nuclear Interactions of Cosmic Ray Particles

PURITY THE PROPERTY OF THE PRO

 $n_{\mu}(E)dE = 0.5(E+5)^{-3}dE$ (for E<2BeV see reference 2). The proton energy spectrum was also investigated, but in four series of experiments, and the following was obtained for E>3 BeV: $n_{\mu}(E)dE = 3.2.10^{-3}(2+E)^{-2.8}dE$

Here E denotes the kinetic energy of protons in Bev. Details of the investigations are given by tables 3 and 4. Figure 3 shows the course of the differential proton energy spectrum (diagram). Further, the inelastic nuclear interaction cross sections of pions and protons in copper, graphite, and lead were investigated. Results are shown by table 5 (for W-mesons in copper; with increasing energy accuracy decreases sharply). Table 6 shows the same for particles with a positive charge. Table 7 shows the results of cross section measurements for W-mesons in copper, table 8 the total inelastic interaction cross sections for protons in copper. Tables 9 and 10 give the results obtained by investigations of inelastic cross section measurements for W-mesons and protons respectively in lead. Measuring results lead to the following conclusions:

1) The inelastic nuclear interaction cross sections of pions and protons within the emergy range of 1 to several 10 Bev are equal

Card 2/3

507/56-35-6-3/44

. Energy Spectra and Nuclear Interactions of Cosmic Ray Particles

and independent of energy within the limits of measuring accuracy.

2) For a geometric cross section in matter of $\sigma_0 = (1.4 \cdot 10^{-13})^{15})^2$ (the nucleus does not behave as a black body with respect to pions and protons with E>1 Bev) $\sigma_0 = 0.65 \sigma_0$ holds for graphite, $\sigma_0 = 0.75 \sigma_0$ for copper, and $\sigma_0 = 0.9 \sigma_0$ for lead.— There are 3 figures, 10 tables, and 23 references, 7 of which are Soviet.

ASSOCIATION:

Fizioheskiy institut Akademii nauk Armyanskoy SSR

(Physics Institute of the Academy of Sciences, Armyanskaya SSR)

SUBMITTED:

June 7, 1958

Card 3/3

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

KOCHARYAN, N. M.

"Energy spectrum of cosmic radiation" Protons: N. M. Kocharyan, G. S. Saakyan, Z.A. Kirakosyan

In 4 independent experiments, the proton spectrum from 40 Mev to 66 Bev was measured at an altitude of 3200 m above sea level by means of the Alikhanyan-Alikhanov magnetic spectrumeter.

In the energy range E 3Bev, the differential spectrum is approximated by the following power function: $N(E) dE = 3.2 \times 10^{-3} (2+E)^{-2.8}dE$

where E is the proton kinetic energy expressed in Bev. The obtained spectrum is compared with the primary radiation spectrum.

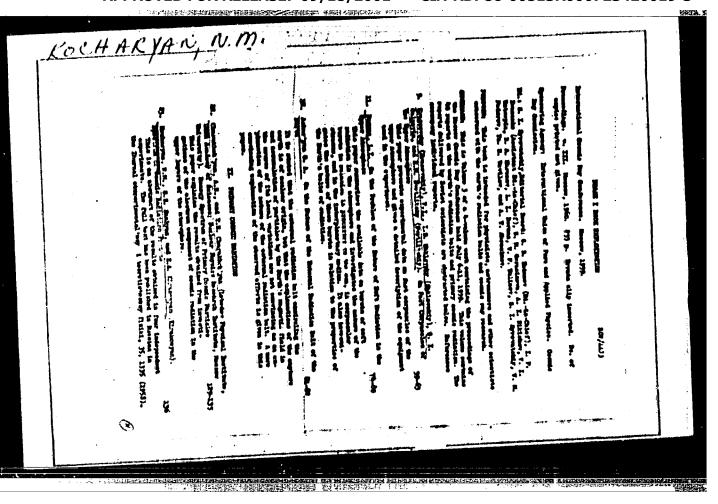
report presented at the International Cosmic Ray Conference, Moscow, 6-11 July 1959

KOCHARYAN, M.M.; KIRAKOSTAN, Z.A.; SHAROYAN, Z.G.; PIKALOV, A.P.

Polarization of 4-mesons of cosmic radiation under the earth. Dokl.

AN Arm. SSR 29 no.1:17-21 159. (MIRA 12:11)

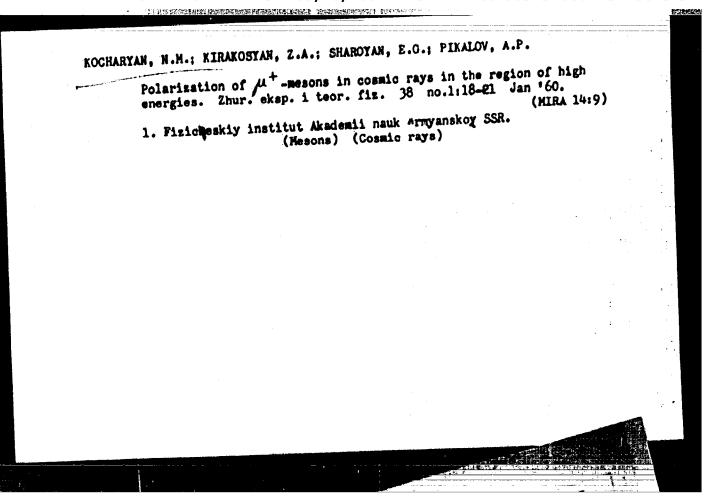
1. Fisicheskiy institut Akademii nauk Armyanskoy SSR. 2. Chlen-korrespondent AN Armyanskoy SSR (for Kocharyan). (Mesons)



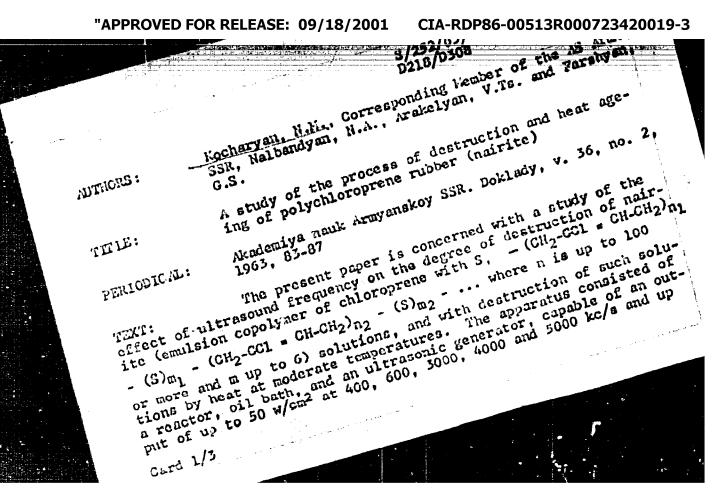
Investigating the sensitivity of a bubble chamber as related to low pressure. Dokl.AM Arm.SSR 30 mo.2:87-91 160.

1. Chlen-korrespondent AM Armyanskoy SSR (for Kocharyan).

(Ionization chambers)



"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3



A study of the process ...

\$/252/63/036/002/002/003 D218/D308

100 w/cm² at 800, 1000, 1500 and 2000 kc/s. The temperature was kept constant at 20°, to 1°C. Degree of destruction was assessed by rel. viscosity, measured at 20 ± 0.1°C with Ostwald's viscometer. The acoustic power used was 17 w/cm², and each frequency was tried for 15, 30, 45, 60 and 90 min; nairite concentration was 0.75%, in benzene. It was found that the viscosity $\eta_{\rm t}$ after t minutes of sounding is

 $\eta_t = (\eta_0 - \eta_\infty)e^{-\beta t} + \eta_\infty. \tag{1}$

where β is a constant, η_0 the initial viscosity and η_∞ the viscosity at t = ∞ . The mol. wt. decreases to a constant value, which depends on frequency and power of the ultrasound; maximum destruction occurs at 800°C. Thermal and oxidative destruction also begins rapidly and settles to a constant level (e.g. 10.5% after 1.5 months at room temperature in the presence of air, and 6.4% in the absence of air). There are 3 figures and 1 table.

ASSOCIATION:

Tsentral'naya nauchno-issledovatel'skaya fizikotekhnicheskaya laboratoriya akademii nauk armyanskoy SSR (Central Scientific Research Physico-Technologi-

Card 2/3

			which is the second of the sec	i i i
A study of the	process	S/252/63/036/0 D218/D308	02/002/003	•
	cal Laboratory of the Armenian SSR)	ucademy of Science	es of the	
SUBMITTED:	September 20, 1962			
			ue.	:
•	3.50 74.0		4-1	
				1) 4
				1
Card 3/3				
•	e on company and approximately and a			•
				į

ACCESSION NR: AP3002492

8/0252/63/036/005/0277/0279

AUTHORS: Kocharyan, N. M. (Corresponding member); Pachadahyan, Kh. B.

TITLE: Investigation of pierceffect in polymethylmethacrylate

SOURCE: AN Armssr. Doklady, v. 36, no. 5, 1963, 277-279

TOPIC TAGS: polymethylmethacrylate, piezoeffect, piezoelectrical property, electret, polarization, piezoelectrical polymer, piezomodulus, piezoeffect in polarized polymer

ABSTRACT: This information was reported on 16 Nov 1962. In 1960 a group of scientists of the Academy of Sciences, Armenian SSR started a study of the piezo-electrical properties in polymer electrets with a dipole moment. It was established that polymethylmethacrylate (PMA) and ebonite had the most stable piezoelectrical properties and a high piezoedulus. The term "piezoelectret polymer" was given to the polymers exhibiting piezoelectrical properties in the electret state. It was assumed that the polymer molecule orientation (which resulted in anisotropy in a polarized PMMA) might create an asymmetry sufficient to produce a piezoeffect. The possibility of increasing the piezomodulus in piezoelectrical polymers by the

ACCESSION NR: AP3002492

orientation of a solidified solution in an electrical field was discussed in an earlier work. Polarization was achieved by a 6-hour heating at 15µC in direct electrical field with the intensity of about 70 kv/cm. The piezomodulus was measured parallel to the polarization direction (no piezoeffect was observed in the perpendicular direction nor in the nonpolarized samples). The quality of the electrets obtained was improved gradually by correcting the procedure for their preparation. The electret samples produced in 1962 preserved their piezoelectrical properties for a substantially longer time than the earlier samples. Piezomodulus of the new samples decreased µ-fold during 6 months. The authors express their appreciation to Sh. A. Mkhitaryan, F. V. Shakaryan and A. A. Agaronyan, members of the group, for their help. Orig. art. has: 2 figures.

ASSOCIATION: Tsentral'naya nauchno-issledovatel'skaya fisiko-tekhnicheskaya laboratoriya Akademii Nauk Armyanskoy SSR (Central Scientific Research Physicotechnical Laboratory, Academy of Sciences, Armenian SSR)

SUBMITTED: 00

- DATE AQ: 12Jul63

ENCL: 00

SUB CODE: PH

NO REF SOV: 002

OTHER: 000

Card 2/2

A MANAGEMENT OF THE PROPERTY O

KOCHARTAN, N.M.; MATSOYAN, S.G.; BARSAMYAN, S.T.; PIKALOVA, V.N.; TOLAR-CHYAN, L.S.; MORLYAN, N.M.

Dielectric loss, dielectric constant, and the effective dipole moment of polydimethylvinylethynylcarbinol. Dokl. AM Arm. 95R 37 (MIRA 16:11) no.1:7-13 *63.

l. TSentral'naya nauchno-issledovatel'skaya fiziko-tekhnicheskaya laboratoriya AN Armyanskoy SSR. 2. Chlen-korrespondent AN Armyanskoy SSR (for Kocharyan).

KOCHARYAN, N.M.; AKOPYAN, A.N.; BARSAMYAN, S.T.; TOLAPCHYAN, L.S.;

Dielectric properties of chlorinated polytetrachlorohexatriene.

Dokl. AN Arm. SSR 37 no.5:263-267 '63. (MIRA 17:9)

1. Chlen-korrespondent AN Armyanskoy SSR (for Kocharyan).

· 分形性引用性影響和其個學問題的學問題的發展的關鍵的

8/0252/64/038/001/0023/0026 ACCESSION NR: AP4026382 AUTHORS: Kocharyan, N. M. (Corresponding member); Moveesyan, M. Ye.; Aslanyan, K. A TITLE: Investigation in chloroprene rubber aging by means of infrared spectroscopy SOURCE: AH ArmSSR. Doklady", v. 38, no. 1, 1964, 23-26 TOPIC TAGS: aging rubber, rubber aging, carbon tetrachloride, thermal treatment, solar light, sulfur compound ABSTRACT: The aging of rubber in carbon tetrachloride solution has been studied under solar light, by thermal treatment, and in indoor lighting. Measurements were made in the spectral region 1570-1750 cm-1, using the IKS-12 spectrometer with a MaCl prism. In all cases there is a clear indication of the formation of an intermediate state. The sulfur compound with chloroprene polymerisation -(CH2-CCI-CH-CH3)a-(S)a- forms disconnected C-0 bonds. In general, aging in the solution proceeds effectively and may yield results that do not coincide with other aging methods. Orig. art. has: 6 figures. ASSOCIATION: Taki fiziko - tekimicheskaya laboratoriya, Akademii nank Armyanskoy SSR (Tail Physicotechnical Laboratory, Academy of Sciences Armenian SSR)

ACCESSION NR: AP4037620

\$/0252/64/038/003/0149/0151

AUTHOR: Kocharyan, N. H. (Corresponding member); Bezirganyan, P. A.; Havasardyan, N. A.

TITLE: Crystallinity of Mairit rubber

SOURCE: AN Armssr. Doklady*, v. 38, no. 3, 1964, 149-151

TOPIC TAGS: polychloroprene, Mairit, amorphous Mairit, crystalline Nairit, Mairit stretching, Mairit crystal formation, Mairit crystal orientation

ABSTRACT: In the opinion of numerous Soviet and foreign authors:

1) polychloroprene rubber is amorphous at room temperature and its crystallinity below 15C is negligible; 2) on stretching there is no orientation of already existing crystals but a spontaneous formation of crystals oriented in the direction of the stretch takes place. An x-ray study of Mairit rubber showed that: 1) depending on the polymerisation method, Mairit can exist at room:

Cord 1/2

f

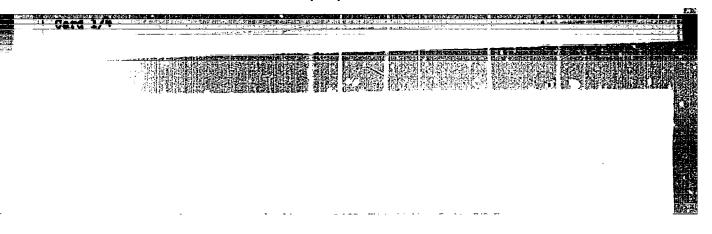
APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723420019-3"

•	المراجع المستعدد والمراجع المراجع والراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع	• · · · · · · · · · · · · · · · · · · ·	•
ACCESSION NR: AP4			
small crystals, an 2) stretching of N and/or perfection formation of orien	amorphous state, a pard a partly crystalline lairit results in an in of the existing small sted crystals and the crystals in the direction	crease of the correction of the street	imensions sults in the portion the Such
an orientation can small. Orig. art.	. PAKA BIECE CHAY WHEN	Ene Crystals -	
ASSOCIATION: none			
SUBHITTED: 120ct	DATE ACQ: 03.	Jun64 BNC	L: 00
SUR CODE: MT	NO REP SOY:	004 OTH	BR: 000
		•	
			1 1

KOCHARYAN, N.M.; BARSAMYAN, S.T.; PIKALOVA, V.H.

Dipole moments of vinylethynylearbonols. Dokl. AN Arm.SSR 38 no.5:295-299 '64. (MIRA 17:6)

l. TSentral'naya nauchno-issledovatel'skaya fiziko-tekhnicheskaya laboratoriya AN Armyanskoy SSR.



That is a bangeme activition of polystyrens excess absorption

